

DISCRETIONARY DOTTING FOR ARTIFACT CONTROL
IN INCREMENTAL PRINTING

ABSTRACT OF THE DISCLOSURE

1 Apparatus and method reduce banding by addressing an
2 image region at under 100% coverage, and adding colorant
3 quanta to selected pixels already receiving that colorant.
4 The amount of that colorant in some pixels is zero, in
5 others a first nonzero number of quanta, in still others a
6 second nonzero number — different from the first. In
7 another aspect, the invention is a method of adding col-
8 orant in a region to which colorant is already addressed;
9 it eliminates or reduces white- or light-line banding by
10 automatically establishing a ratio, below half, of number
11 of added-colorant pixels to total number of addressed
12 pixels.

[NEW ADDITIONAL PAGE]